



Windows®. Life without Walls™.
Lenovo® recommends Windows 7.

W SERIES



GREAT IDEAS THAT BREAK BARRIERS OF PERFORMANCE

THE LENOVO® THINKPAD® W510 NOTEBOOK

ThinkPad W Series represents a complete lineup of performance mobile workstations certified to run the most demanding graphic intensive industry applications. ThinkPad W Series offers you quality, performance, and reliability in a high-performance mobile workstation. The ThinkPad W Series notebooks come equipped with the new Intel® platform and high performing NVIDIA® Quadro® FX Graphics. Along with meeting the highest performance standards, W Series still offers the legendary ThinkPad design and a full range of technology that include Solid State Drives (SSDs), an integrated camera, DDR3 memory modules, new DisplayPort technology, and a wider Touchpad with improved ergonomics.

The ThinkPad W510 notebook is engineered with Lenovo's Enhanced Experience for Windows® 7, which means faster startup and shutdown time, along with increased productivity for business with new hardware and software innovations. The roll-cage protection, spill-resistant keyboard, ThinkVantage® Client Security Solution with integrated Fingerprint Reader®, and Smartcard support are other innovative features that give these notebooks unmatched security.

ThinkPad notebooks are also environmentally responsible and EPEAT® Gold qualified. The ThinkPad W Series models enjoy worldwide, round-the-clock service and support. They also come with an industry-leading warranty and optional services like ThinkPad Protection that guarantees you are covered for any reason.

THINKPAD W510—TOP REASONS TO OWN

- **CUTTING-EDGE TECHNOLOGY**
- **HIGHER EXPANDABILITY**
- **UNCOMPROMISED PERFORMANCE**
- **ENVIRONMENTALLY RESPONSIBLE**



CUTTING-EDGE TECHNOLOGY

ThinkPad W510 is power packed with:

- Latest Intel® Core™ i7 Processors with Turbo Boost Technology
- Genuine Windows®7 Professional 32
- Lenovo's Enhanced Experience for Genuine Windows® 7
- Embedded X-Rite Color Calibration
- Improved ThinkPad keyboard and Multi-Touch Touchpad
- Elegant Multi-Touch panel
- New USB 3.0 Technology

HIGHER EXPANDABILITY

ThinkPad W510 supports a large choice of ports and slots for additional expansion, including:

- Next generation Mini Dock Expansion
- RAID 0,1 Support (via Bay Adapter)
- Dedicated 34mm Express Card slot and 5-in-1 MMC Reader®
- Additional USB Ports and USB/eSATA Combo Port
- Multiple SSD or HDD's

UNCOMPROMISED PERFORMANCE

ThinkPad W510 combines the highest performing:

- Intel® Core™ i7 DELETED-M Processors with Intel® vPro™ Technology
- Genuine Windows®7 Professional 32
- NVIDIA® Quadro® FX Graphics
- SSDs with Encryption, 2.5" HDDs, WLAN and WWAN
- Gobi™ is the embedded choice for mobile broadband technology that connects your laptop to the Internet via leading 3G networks around the world.
- RAID 0,1 Support

ENVIRONMENTALLY RESPONSIBLE

ThinkPad W510 supports the following environmental standards with:

- The most energy-efficient features
- An EPEAT® Gold qualified notebook (LED backlight systems)
- Energy Star® compliant
- New Power Management utility and enhanced features for lower power consumption and improved battery life

LENOVO ENHANCED EXPERIENCE

FOR WINDOWS® 7.

FAST. SECURE. BUILT FOR BUSINESS.

Discover a better way of doing business with the new Lenovo Enhanced Experience for Windows® 7 on Think PCs. Faster, more durable and greener Think PCs are optimized for Windows® 7 to deliver improved ease of use. It enhances productivity and foolproof security that your business cannot do without.

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SOFTWARE OFFERINGS

THE LENOVO® THINKPAD® W510 NOTEBOOK

SUPPORTED OPERATING SYSTEMS

- Genuine Windows® 7 Professional 32
- Genuine Windows Vista® Ultimate 32
- Genuine Windows Vista® Business 32
- Genuine Windows Vista® Business 64
- Genuine Windows Vista® Home Premium 32
- Genuine Windows Vista® Home Basic 32
- Genuine Windows® XP Professional

SUPPORTED THINKVANTAGE® TECHNOLOGIES

- ThinkVantage Access Connections™
- ThinkVantage Fingerprint Software
- ThinkVantage Productivity Center
- ThinkVantage Rescue and Recovery®
- ThinkVantage System Update
- ThinkVantage Client Security Solution



SERVICE OFFERINGS

PRODUCTIVITY, PERFORMANCE AND SECURITY

THINKPLUS™ SUPPORT	THINKPLUS™ PROTECTION	THINKPLUS™ ENTERPRISE SOLUTIONS
<p>Lowens the overall IT support costs and reduces unbudgeted support and repair expenses.</p> <p>ThinkPlus Priority Support:</p> <p>Provides globally recognized technical support for your business—increases helpdesk productivity with 24 x 7 advanced-level technical support and service call-tracking tools with:</p> <ul style="list-style-type: none">• Reduced Troubleshooting Time• Fewer Repair Actions• Faster response• Reduced downtime, higher satisfaction <p>Base Warranty Service:</p> <p>Provides the Lenovo standard award-winning service and support.</p> <p>ThinkPlus Warranty Extension and Upgrade:</p> <p>Protects investment and increases productivity with the enhanced service-level upgrade and term extension.</p> <p>ThinkPlus Priority 4:</p> <p>Offers enhanced onsite response within 4 hours for critical IT support needs.</p>	<p>Protects PCs and data from unexpected intruders—saves money, reduces hassles, and offers peace of mind.</p> <p>ThinkPad Protection (TPP):</p> <p>Includes repair of accidental damage, drops, or spills not covered by warranty</p> <ul style="list-style-type: none">• Complete protection to a desired term• 24 x 7 toll-free access to Lenovo technicians• Unlimited repairs covering accidental damage issues• Replacement with new system, if required <p>Hard Disk Drive Retention:</p> <p>Allows you to retain your hard drive if it fails and thus protects data from falling into the wrong hands.</p>	<p>Offer peace of mind with Lenovo as a single-point-of-contact—manages infrastructure, consolidates contracts, and streamlines the number of vendors.</p> <p>Lenovo Professional Services:</p> <p>Offer professional engineering and project management services to implement new technologies.</p> <p>Lenovo Imaging Services:</p> <p>Offer image creation, image verification, and management services.</p> <p>Lenovo Managed Deployment:</p> <p>Offers factory integration, imaging, installation, deployment, and consulting services.</p> <p>Lenovo Asset Recovery Services:</p> <p>Recover value from old assets and help you dispose data securely—turns old PC trash into cash.</p>

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THE LENOVO® THINKPAD™ W510 NOTEBOOK SPECIFICATIONS

MODEL NAME – W510

CPU/Chipset

- Intel® Core™2 Quad Core™ i7-720QM (1.6GHz, 8MB L3, 1333MHz FSB, 45W)
- Intel® Core™2 Quad Core™ i7-820Q (1.73GHz, 8MB L3, 1333MHz FSB, 45W)
- Intel® Core™2 Extreme i7-920XM (2.00GHz, 4MB L3, 1333MHz FSB, 55W)

Preloaded Operating Systems

- Genuine Windows® 7 Professional 32
- Genuine Windows® 7 Professional 64
- Genuine Windows Vista® Business 32
- Genuine Windows Vista® Business 64
- Genuine Windows® XP Professional

Memory

- Up to 16GB 1333 MHz DDR3 Memory

Graphics

- Intel® 5 INT and NVIDIA® Quadro® FX 880M (1GB DDR3)

Storage

- 128 / 160 / 256 GB SSD
- 160 GB (5400 RPM) / 250 GB (5400 / 7200 RPM) / 320 GB (5400 / 7200 RPM) / 500 GB (7200 RPM) HDD

Keyboard

- Ergonomically designed keyboard and Multitouch TouchPad with palm rest, wider left and right click buttons, VolP Fn + F6 hotkey, and Power On, Caps Lock, Audio Mute and Fingerprint Reader® with LED indicator (W510)

Advanced Communications

- Integrated Mobile Broadband (Gobi™ 2000 3G with GPS) - ROW
- WWAN, WLAN, WiMAX, Bluetooth®
- Constant Connect*
- USB 3.0

Supported Wireless Communication

- Intel® WifiLink 6200 2 x 2
- Intel® WifiLink 6300 3 x 3
- Intel® 2 x 2 6250 with WiMax
- ThinkPad WLAN Realtek 1 x 2

Dimensions

- 372.85mm x 245.1mm x 35.8mm

Weight

- Starting at 5.89 lbs / 2.671kg (6 Cell)

Display

All LED

- 15.6" LED HD (1280x800) 16:10 aspect
- 15.6" LED HD+ (1440x900) 16:10 aspect
- 15.6" RG-ph LED FHD (95% Gamut 270 NIT)

Ports and Slots

- Ports: 4 USB ports (1 USB 3.0), 1 USB/eSATA Combo, Powered USB, IEEE 1394a, VGA, Microphone/line-in, Headphone/line-out

Slots: Express Card 34mm, 5-in-1 MMC Reader®, Optional Contact or Contact-less Smart Card Reader®

Preloaded Software

- Adobe® Acrobat® Reader®
- Microsoft® Office Ready 2007
- Microsoft® Windows Live™ toolbar and search
- Roxio® Creator™
- Intervideo WinDVD (DVD models only)
- Intervideo WinDVD Creator™ (DVD models only)
- McAfee® VirusScan® Plus with 30-days of virus definition updates
- Creator™ Business Edition (combo models)
- Creator™ Business Edition with MYDVD (DVD Burner)
- PC-Doctor diagnostics
- Sun™ JRE™
- ThinkPad Utilities (Power Manager and Presentation Director), Huey Pro Color Calibration Software

Other Features

- 2 Megapixel Camera
- Combo Audio Jack (3.5mm)
- Microphone and Audio mute button



*US only, requires 34mm Express Card

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THE LENOVO THINKPAD® W510 NOTEBOOK OPTIONS



ThinkPad Mini Dock Plus Series 3 for Mobile Workstations (433820U)*

- Quick and easy access to peripherals
- 6 USB 2.0 ports, RJ-45 gigabit Ethernet, E-SATA connector
- Five video ports (2-DisplayPort, 1-VGA analog, 2-DVI digital)
- Use any two video ports to attach two monitors
- Ships with a 135 Watt Power Adapter

www.lenovo.com/support/docks



Lenovo ThinkVision L2251p Monitor (2572HD6)

- 22" Wide with 1680x1050 resolution
- VGA + DisplayPort interfaces for easy dual monitor display
- Full function ergonomic stand
- 29% more efficient than ENERGY STAR® 5.0 Standard



Lenovo ThinkVision L2440p Monitor (4420HB2)

- 24" Wide with 1920x1200 resolution for productivity
- VGA + DVI-D interfaces and USB Hub for connection flexibility
- EPEAT® Gold*, TCO Displays 5.0 certified



Carry battery spares, or replace system batteries when charge capacity diminishes with time

51J0499 ThinkPad Battery 25+ (6 cell)
51J0500 ThinkPad Battery 25++ (9 cell)



Easily transport and protect your ThinkPad against bumps and jostles

43R2476 – ThinkPad Business Topload Case
43R2482 – ThinkPad Business Backpack
57Y4271 – Wenger Backpack for Lenovo

new



Have a spare AC adapter at home, or in your carry case.
55Y9317 135W AC Adapter*



ThinkPad eSATA/USB 500GB Secure Hard Drive (57Y4400)

- Secure valuable data
- AES 256-bit full data encryption
- Administrative password management
- Shock-mounted hard drive for enhanced durability
- No AC power adapter, or software installation required

www.lenovo.com/support/security
www.lenovo.com/support/harddrives

new



ThinkPad USB Keyboard with Trackpoint (55Y9003)

- Integrated TrackPoint – no external mouse
- Function keys for quick access to variety of ThinkPad features
- Spill Resistant

www.lenovo.com/support/keyboards

* Note: ThinkPad Mini Dock Plus Series 3 for Mobile Workstations (433820U) and 135W AC Adapter and is optimized for W510, but is compatible to T400s, T410s, T410 and T510.



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